

Converting Colors

Hex(00E0C9)

Have a look what the booklet for
Hex(00E0C9) contains.

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Color

Hex(00E0C9)

Conversions

Conversions Part 1

Format	Color
Hex	00E0C9
RGB	0, 224, 201
RGB Percent	0%, 88%, 79%
CMY	1.0000, 0.1216, 0.2118
CMYK	1.00, 0.00, 0.10, 0.12
HSL	174°, 100%, 44%
HSV	174°, 100%, 88%
XYZ	37.1983, 57.5284, 64.4019
YIQ	154.4020, -126.1210, -54.6410

Conversions

Conversions Part 2

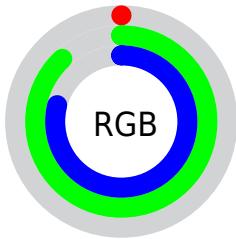
Format	Color
RYB	0, 118, 224
Decimal	57545
CIELab	80.48, -50.11, -1.55
CIELCh	80, 50.135, 181.768
Yxy	57.5284, 0.2338, 0.3615
Android (android.graphics.Color)	4278247625 (0xFF00E0C9)
YUV	154.4020, 22.9728, -135.4106
Hunter-Lab	75.8474, -45.1903, 2.7502

Details

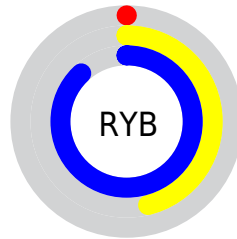
The Hex color **00E0C9** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **E00017**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **6EFFFF**, and **00A893** is the 20% darker color. If you saturate the color by 10%, you get **00E0C9**, and if you desaturate by 10%, it is **16E0CB**.

Distribution



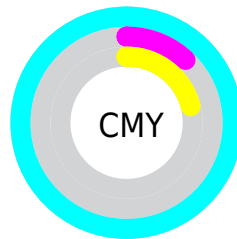
- Red (0%)
- Green (88%)
- Blue (79%)



- Red (0%)
- Yellow (46%)
- Blue (88%)



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (12%)



- Cyan (100%)
- Magenta (12%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00E0C9 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 00E0C9 by changing the saturation by 10% instead.

 00E0C9

 00E0C9

FFFFFF

 00C4AE

 6EFFFF

 00A893

 90FFFF

 008D79

 B0FFFF

 007261

 D0FFFF

 005949

 F0FFFF

 004033

 002A1E

 000305

 000000

 00E0C9

 16E0CB

 2DE0CE

 43E0D0

 5AE0D2

 70E0D5

 86E0D7

 9DE0D9

 B3E0DB

 CAE0DE

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77DC9A



00E0C9



00DFF8

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



00E0C9



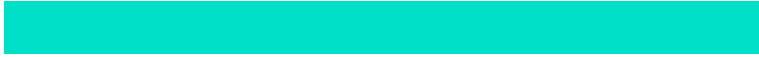
D0BAFF



FFB576

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



00E0C9



E00017

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFA799



00E0C9



FFAAF5

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



00E0C9



81CCFF



FFA2C7



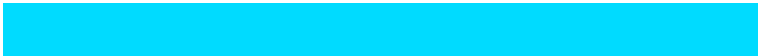
E2C668

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



00E0C9



00DBFF



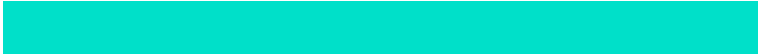
FFA2C7



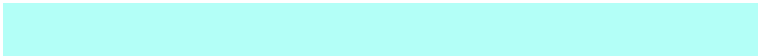
FFB080

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



00E0C9



B3FFF7



1AE000



52807B



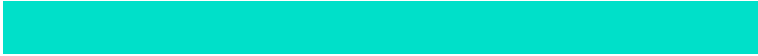
000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



00E0C9



00FFE5



008AE0



65706F



00B09E



00302B

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



E00017



FF001A



E05600



706566



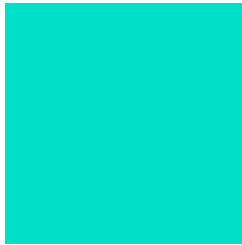
B00012



300005

Previews

White Background



This preview shows how the Hex color 00E0C9 looks on a white background.

Color Contrast Check

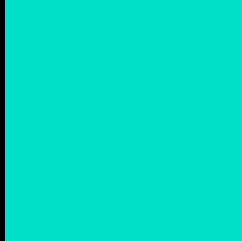
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 00E0C9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

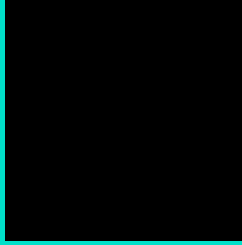
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

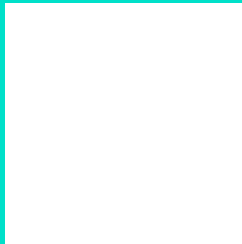
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 00E0C9 Background



This preview shows how black text looks on a background with the Hex color 00E0C9.



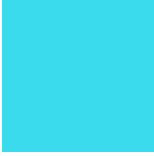
This preview shows how white text looks on a background with the Hex color 00E0C9.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
39DBED

Trichromacy



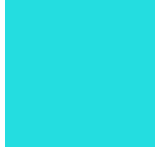
Original Color
00E0C9



Protanomaly
82CFBF



Deuteranomaly
88CCCD



Tritanomaly
24DDE0

Monochromacy



Original Color
00E0C9



Achromatopsia
9A9A9A



Achromatomaly
62B3AB

CSS Examples

Text

The CSS property to change the color of the text to Hex 00E0C9 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #00E0C9 looks like.

```
.text, #text, p{  
    color:#00E0C9  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #00E0C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E0C9
}
```

Border

The CSS property to change the border of an element to Hex 00E0C9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00E0C9 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#00E0C9 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #00E0C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E0C9; -webkit-box-shadow:4px 4px  
4px 4px #00E0C9; box-shadow:4px 4px 4px  
4px #00E0C9 }
```

Background

The CSS property to change the background color of an element to Hex 00E0C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E0C9 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#00E0C9 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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